

To: [REDACTED] **Ex. 4 - CBI** [REDACTED] Werner,
 Lora[Werner.Lora@epa.gov]
Cc: Arguto, William[Arguto.William@epa.gov]; [REDACTED] **Ex. 4 - CBI**
 [REDACTED] Ex. 4 - CBI [REDACTED]; bucher@niehs.nih.gov[bucher@niehs.nih.gov]; Burns, Francis[Burns.Fran@epa.gov];
 Capacasa, Jon[Capacasa.jon@epa.gov]; Caporale, Cynthia[Caporale.Cynthia@epa.gov];
 [REDACTED] Ex. 4 - CBI [REDACTED]; christopher.weis@nih.gov[christopher.weis@nih.gov]; Clark,
 Becki[Clark.Becki@epa.gov];
 [REDACTED] **Ex. 4 - CBI** [REDACTED] Cox, Edward C MAJ
 USARMY NG VAARNG (US) [REDACTED] **Ex. 6 - Personal Privacy** [REDACTED] Grant, Gregory L LTC USARMY
 [REDACTED] Ex. 4 - CBI [REDACTED] **Ex. 4 - CBI** [REDACTED] Cseh, Larry
 F CAPT (US)[loc3@cdc.gov]; [REDACTED] **Ex. 4 - CBI** [REDACTED] McElfresh, Martha A[Martha.A.McElfresh@wv.gov];
 masten@niehs.nih.gov[masten@niehs.nih.gov]; miller.aubrey@nih.gov[miller.aubrey@nih.gov];
 [REDACTED] Ex. 4 - CBI [REDACTED] **Ex. 4 - CBI**
Ex. 4 - CBI
Ex. 4 - CBI [REDACTED] Sayles,
 Gregory[Sayles.Gregory@epa.gov]; [REDACTED] **Ex. 4 - CBI** [REDACTED] Singhvi,
 Raj[Singhvi.Raj@epa.gov]; [REDACTED] **Ex. 4 - CBI** [REDACTED] vck3@cdc.gov[vck3@cdc.gov]; Ivey, Walter M[Walter.M.Ivey@wv.gov]
From: Tierney, Letitia
Sent: Fri 1/31/2014 10:37:58 PM
Subject: RE: PPH Discussion Group

Hello all:

I have just now received a call from the CDC with regards to a screening level of the PPH and the di-PPH. Both of them have a screening level of 1.2 ppm. The CDC encouraged us to continue to test down into the PPB range for both di-PPH and PPH. There will be an official statement coming soon and will be posted on their web site as well as being provided to us.

Thank you.

Letitia Tierney, MD JD
 Commissioner Bureau of Public Health
 State Health Officer
 West Virginia Department of Health and Human Resources
 350 Capitol Street, Room 702
 Charleston, WV 25301
 304-558-2971
 Letitia.Tierney@WV.gov

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THANK YOU!

-----Original Message-----

From: [REDACTED] Ex. 4 - CBI
Sent: Friday, January 31, 2014 4:06 PM
To: Werner.Lora@epa.gov
Cc: Arguto, William; [REDACTED] Ex. 4 - CBI [REDACTED] bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; [REDACTED] Ex. 4 - CBI [REDACTED]; christopher.weis@nih.gov; Clark, Becki; Cox, Edward C MAJ USARMY NG VAARNG (US); pm, Grant, Gregory L LTC USARMY (US); Tierney, Letitia; Cseh, Larry F CAPT (US); [REDACTED] Ex. 4 - CBI [REDACTED]
Ex. 4 - CBI [REDACTED] Ex. 4 - CBI [REDACTED] McElfresh, Martha A; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] Ex. 4 - CBI [REDACTED]
[REDACTED] Ex. 4 - CBI [REDACTED] Sayles, Gregory; [REDACTED] Ex. 4 - CBI [REDACTED] Singhvi, Raj; vck3@cdc.gov; Ivey, Walter M
Subject: RE: PPH Discussion Group

Thanks Lora, It would also be good to hear if there is more information on a health based standard. I will set up a conference call for Monday starting at 10:30 am.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

From: "Werner, Lora" <Werner.Lora@epa.gov>
To: "Grant..Gregory.L.LTC.USARMY.(US)"

<
<
Ex. 6 - Personal Privacy

M [REDACTED] amwater.com>, "Arguto, William" <Arguto.William@epa.gov>,

[REDACTED] Ex. 4 - CBI
"bucher@niehs.nih.gov" <bucher@niehs.nih.gov>, "Burns, Francis" <Burns.Fran@epa.gov>, "Capacasa, Jon" <Capacasa.jon@epa.gov>, "Caporale..Cynthia" <Caporale.Cynthia@epa.gov>,

Ex. 6 - Personal Privacy
"christopher.weis@nih.gov" <christopher.weis@nih.gov>, "Clark, Becki" <Clark.Becki@epa.gov>, "Tierney, Letitia" <Tierney.Letitia@epa.gov>, "Singhvi, Raj" <vck3@cdc.gov>, "Ivey, Walter M"

[Ex. 4 - CBI] "Cox, Edward C MAJ USARMY NG
VAARNG (US)" <edward.c.cox2.mil@mail.mil>,

[Ex. 4 - CBI] [Ex. 4 - CBI]
<letitia.tierney@wv.gov> [Ex. 4 - CBI]
[Ex. 4 - CBI] [Ex. 4 - CBI]
<loc3@cdc.gov> [Ex. 4 - CBI]
[Ex. 4 - CBI] "Cseh, Larry F CAPT (US)"
<martha.a.mcelfresh@wv.gov>, "maston@niehs.nih.gov"
<maston@niehs.nih.gov>, "miller.aubrey@nih.gov"
<miller.aubrey@nih.gov> [Ex. 4 - CBI]

Ex. 4 - CBI

[Ex. 4 - CBI] [Ex. 4 - CBI]
<Sayles.Gregory@epa.gov> [Ex. 4 - CBI]
[Ex. 4 - CBI] "Singhvi.Raj" <Singhvi.Raj@epa.gov>,

Ex. 4 - CBI

"vck3@cdc.gov"
<vck3@cdc.gov>, "walter.m.ivey@wv.gov" <walter.m.ivey@wv.gov>

Date: 01/31/2014 04:03 PM

Subject: RE: PPH Discussion Group

Hello there

Might there be any interest in convening another call of this group sometime early next week? It might be helpful to further discuss the different analyses of waste material samples, the recent formaldehyde issues, and the status of PPH/diPPH analyses?

Thank you, Lora

Lora Siegmann Werner, MPH
Regional Director, Region 3
Division of Community Health Investigations Agency for Toxic Substances & Disease Registry
(ATSDR)/Centers for Disease Control & Prevention c/o EPA Region 3
1650 Arch Street
Mailstop 3HS00
Philadelphia, PA 19103

Desk phone: 215-814-3141
Cell phone: 215-588-9778
Fax: 215-814-3003
Emails (only need to use one): lkw9@cdc.gov and werner.lora@epa.gov

From: Grant, Gregory L LTC USARMY (US) [Ex. 6 - Personal Privacy]

]

Sent: Monday, January 27, 2014 7:55 PM

To: [Ex. 4 - CBI] Arguto, William; [Ex. 4 - CBI]
bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; [Ex. 4 - CBI]

christopher.weis@nih.gov; Clark, Becki; [REDACTED] Ex. 4 - CBI Cox, Edward C MAJ
USARMY NG VAARNG (US); [REDACTED] Ex. 4 - CBI letitia.tierney@wv.gov;
Ex. 4 - CBI Cseh, Larry F CAPT (US); [REDACTED] Ex. 4 - CBI martha.a.moelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] Ex. 4 - CBI
Ex. 4 - CBI Sayles, Gregory; [REDACTED] Ex. 4 - CBI Singhvi, Raj;
Ex. 4 - CBI vck3@cdc.gov; walter.m.ivey@wv.gov; Werner, Lora
Subject: RE: PPH Discussion Group

All,

See attached. I am forwarding data on behalf of REIC.

Thanks,

Lieutenant colonel Grant:

[REDACTED] asked me to send these GCMS fragmentation pattern scans for the PPH to you. He figured it would be easier to email them to you and then allow you to send them to the interested parties from this morning's conference call. The draft SOP should be emailed to you sometime tomorrow.
If you need anything else, please be sure to let [REDACTED] or [REDACTED] know.

Ex. 4 - CBI
Quality Program Manager
REI Consultants, Inc.
225 Industrial Park Road
Beaver, WV 25813

Ex. 4 - CBI

From: [REDACTED] Ex. 4 - CBI
Sent: Monday, January 27, 2014 11:49 AM
To: [REDACTED] Ex. 4 - CBI arguto.william@epa.gov; [REDACTED] Ex. 4 - CBI
bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov;
[REDACTED] Ex. 4 - CBI christopher.weis@nih.gov; clark.becki@epamail.epa.gov;
[REDACTED] Ex. 4 - CBI ch.com; Cox, Edward C MAJ USARMY NG VAARNG (US);
Ex. 4 - CBI [REDACTED] Ex. 4 - CBI m; Grant, Gregory L LTC USARMY (US); letitia.tierney@wv.gov;
[REDACTED] Ex. 4 - CBI Cseh, Larry F CAPT (US); [REDACTED] Ex. 4 - CBI
martha.a.moelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; [REDACTED] Ex. 4 - CBI
[REDACTED] Ex. 4 - CBI sayles.gregory@epa.gov; [REDACTED] Ex. 4 - CBI singhvi.raj@epa.gov;
[REDACTED] Ex. 4 - CBI com; [REDACTED] Ex. 4 - CBI vck3@cdc.gov;

walter.m.ivey@wv.gov; werner.lora@epa.gov

Subject: PPH Discussion Group

Attached is MATRIC's PPH and DiPPH GC Spectra.

<<...>>

Best Regards

Ex. 4 - CBI

PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Office: [REDACTED] Ex. 4 - CBI | Mobile:

P.O. Box 8396, South Charleston, WV 25303 www.matricinnovates.com | Twitter | LinkedIn ----Original Appointment-----

From: [REDACTED] Ex. 4 - CBI

Sent: Saturday, January 25, 2014 5:44 PM

To: arguto.william@epa.gov; Ex. 4 - CBI bucher@niehs.nih.gov; burns.fran@epa.gov; capacasa.jon@epa.gov; caporale.cynthia@epa.gov; Ex. 4 - CBI christopher.weis@nih.gov; clark.becki@epamail.epa.gov; Ex. 4 - CBI

letitia.tierney@wv.gov; Ex. 6 - Personal Privacy loc3@cdc.gov; Ex. 4 - CBI

Ex. 4 - CBI martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; miller.aubrey@nih.gov; Ex. 4 - CBI

Ex. 4 - CBI sayles.gregory@epa.gov; Ex. 4 - CBI singhvi.raj@epa.gov; Ex. 4 - CBI vck3@cdc.gov; walter.m.ivey@wv.gov; werner.lora@epa.gov; Ex. 4 - CBI

Subject: Conference Call -- PPH Discussion Group Ex. 6 - Personal Privacy

When: Sunday, January 26, 2014 10:00 AM-11:00 AM Eastern.

Where:

Description

Conference Call Information:

Dial In Ex. 6 - Personal Privacy
Meetin

All,

REIC Laboratory reports they can detect PPh/DiPPh at less than 10ppb with 20 ml of sample. We are providing them with historic samples from 10-13 Jan so they can look back at those samples for PPh/DiPPh. They are reporting on the current samples at 1.04 ppb level. (Correct me if I am wrong)

Ex. 6 - Personal Privacy

Ex. 6 - Personal Privacy is planning on sending out conference call regarding PPh for 10:00 a.m., Monday 27 Jan. We appreciate everyone's assistance with this incident.

Thanks,
Greg

Greg Grant, LTC, WVARNG
Commander
35th Civil Support Team (WMD)
5 Armory Drive
Saint Albans, WV. 25177

Ex. 6 - Personal Privacy

Sent from my blackberry

----- Original Message -----

From: Ex. 4 - CBI

Sent: Saturday, January 25, 2014 01:25 PM

To: arguto.william@epa.gov <arguto.william@epa.gov> Ex. 4 - CBI
Ex. 4 - CBI; bucher@niehs.nih.gov <bucher@niehs.nih.gov>; burns.fran@epa.gov <burns.fran@epa.gov>; capacasa.jon@epa.gov <capacasa.jon@epa.gov>; 'caporale.cynthia@epa.gov' <caporale.cynthia@epa.gov>; Ex. 4 - CBI christopher.weis@nih.gov <christopher.weis@nih.gov> Ex. 4 - CBI

Ex. 4 - CBI

Cox, Edward C MAJ USARMY NG VAARNG (US);
Ex. 4 - CBI >; Grant, Gregory L LTC USARMY

(US); 'letitia.tierney@wv.gov' <letitia.tierney@wv.gov>

Ex. 4 - CBI

Cseh, Larry F

>CAPT

Ex. 4 - CBI

'martha.a.mcelfresh@wv.gov' <martha.a.mcelfresh@wv.gov>; masten@niehs.nih.gov
<masten@niehs.nih.gov>; miller.aubrey@nih.gov < miller.aubrey@nih.gov>;

Ex. 4 - CBI

Ex. 4 - CBI , singhvi.raj@epa.gov <singhvi.raj@epa.gov>;
Ex. 4 - CBI (US); 'vck3@cdc.gov' <vck3@cdc.gov>; 'walter.m.ivey@wv.gov'
<walter.m.ivey@wv.gov>; werner.lora@epa.gov < werner.lora@epa.gov>
Cc: 'clark.becki@epamail.epa.gov' <clark.becki@epamail.epa.gov>; 'sayles.gregory@epa.gov'
<sayles.gregory@epa.gov>, Ex. 4 - CBI
Subject: Re: PPH Discussion Group

Hello all - please add the three individuals in the CC distribution above to your contacts for the PPH discussion group.

Becki and Gregory are with the EPA and Ex. 4 - CBI is with the Dow Chemical Company.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

From: Ex. 4 - CBI

To: arguto.william@epa.gov, Ex. 4 - CBI

Ex. 4 - CBI bucher@niehs.nih.gov, burns.fran@epa.gov, capacasa.jon@epa.gov,

"caporale.cynthia@epa.gov" <caporale.cynthia@epa.gov>, Ex. 4 - CBI

christopher.weis@nih.gov, Ex. 4 - CBI

research.com>, Ex. 6 - Personal Privacy, Ex. 4 - CBI

ites.com>, Ex. 6 - Personal Privacy, "letitia.tierney@wv.gov"

<letitia.tierney@wv.gov>, Ex. 4 - CBI, loc3@cdc.gov,

Ex. 4 - CBI

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, masten@niehs.nih.gov,
miller.aubrey@nih.gov, Ex. 4 - CBI

Ex. 4 - CBI

r.com""

Ex. 4 - CBI

singhvi.raj@epa.gov,

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI

"vck3@cdc.gov"

<vck3@cdc.gov>, "walter.m.ivey@wv.gov"
<walter.m.ivey@wv.gov>, werner.lora@epa.gov

Date: 01/24/2014 06:15 PM

Subject: Re: PPH Discussion Group

Corrected email for Jon Capacasa now included.

Regards,

Ex. 4 - CBI

President
West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

From:
To: ""

Ex. 4 - CBI

Ex. 4 - CBI

"martha.a.mcelfresh@wv.gov" <martha.a.mcelfresh@wv.gov>, "walter.m.ivey@wv.gov"
<walter.m.ivey@wv.gov>

Ex. 4 - CBI

Ex. 4 - CBI

Ex. 4 - CBI) "letitia.tierney@wv.gov"

<letitia.tierney@wv.gov>, [REDACTED]

Ex. 4 - CBI

[REDACTED] "Ex. 4 - CBI", [REDACTED], "caporale.cynthia@epa.gov"

<caporale.cynthia@epa.gov>, "vck3@cdc.gov" <vck3@cdc.gov>, [REDACTED] "Ex. 4 - CBI"

[REDACTED] "Ex. 4 - CBI", [REDACTED]

"Ex. 6 - Personal Privacy", [REDACTED]

christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov, burns.fran@epa.gov,
capacasa.john@epa.gov, bucher@niehs.nih.gov, masten@niehs.nih.gov, miller.aubrey@nih.gov,
singhvi.raj@epa.gov, werner.lora@epa.gov

Date: 01/24/2014 05:55 PM

Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 4 - CBI

President

West Virginia American Water
1600 Pennsylvania Avenue
Charleston, WV 25302

Ex. 4 - CBI

www.amwater.com

<< File: Untitled attachment 01343.htm >> << File: c174433.ics >>

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